2020 Pathways Student Application

Q1
2020 Pathways Student Application

Summer Program Dates: Saturday, July 11 through Saturday, July 25, 2020. The Student Application can be completed online OR on paper. Paper applications should be mailed to: Pathways Center for the Enhancement of Engineering Diversity 490 Old Turner St 215 Hancock Hall (0275) Blacksburg, Virginia 24061

DEADLINE TO COMPLETE APPLICATION COMPONENTS is 11:55 pm Saturday, February 1st, 2020. Decisions will be mailed by March 1st, 2020. If you have any questions, please email Ashley Taylor Repisky at pathways@vt.edu or call 540-231-2226.
Q2 Part I: Personal Information

Q3 Personal Info

○ First Name ____________________________________________

○ Middle Name ___________________________________________

○ Last Name ______________________________________________

○ Preferred Name to be Called / Nickname ______________________

Q4 Home Address

○ Address Line 1: __________________________________________

○ City ____________________________________________________

○ State ____________________________________________________

○ Zip Code ________________________________________________

Q5 Contact Info

○ Home Phone # ____________________________________________

○ Cell Phone # ______________________________________________

○ E-Mail (this will be our main form of communication)          
                                           __________________________________________

○ Confirm E-Mail ___________________________________________
Q9 How did you hear about the Pathways program?

☐ Website

☐ Letter mailed directly to me

☐ Discussion with a past CEED program participant

☐ Discussion with a current Virginia Tech engineering student

☐ Discussion with my parent/guardian

☐ Discussion with my school counselor

☐ Discussion with my teacher

☐ Other: ____________________________________________________________

Q8 Gender

____________________________________________________________________
Q7 Race/Ethnicity (Check all that apply)

☐ American Indian
☐ Asian/Pacific Islander
☐ Black
☐ Hispanic/Latino
☐ White
☐ Other: ______________________________________________

Q6 Date of Birth:
Ex: 07/14/2002

________________________________________________________________

Q16 Part III: Parent/Guardian Information

Q17 Mother / Guardian 1

☐ First Name _________________________________________________
☐ Last Name _________________________________________________
☐ Email Address ______________________________________________
☐ Cell Phone _________________________________________________
Q18 Mother / Guardian 1 - Highest Level of Education:

- Less than High School
- High School Diploma
- Some College
- Associate's Degree
- Bachelor's Degree
- Master's Degree
- Doctoral Degree (MD, DO, PhD, JD, etc.)
- Other: ________________________________________________

Q19 Father / Guardian 2

- First Name ____________________________________________
- Last Name _____________________________________________
- Email Address __________________________________________
- Cell Phone _____________________________________________
Q20 Father / Guardian 2 - Highest Level of Education:

- Less than High School
- High School Diploma
- Some College
- Associate's Degree
- Bachelor's Degree
- Master's Degree
- Doctoral Degree (MD, DO, PhD, JD, etc.)
- Other: ________________________________

End of Block: Part I: Personal Information

Start of Block: Part II: High School Information

Q10 Part II: High School Information

Q11 High School Info

- School Name ________________________________
- School Street Address ________________________________
- City ________________________________
- State ________________________________
- Zip Code ________________________________
- School Phone # ________________________________
- Website ________________________________
Q14 What grade will you enter in the fall of 2020?

- 10th
- 11th
- 12th
- Other: ____________________________________________

Q15 Expected High School Graduation Date:
Ex: June 2022

________________________________________________________________

Q38 Coursework and Grade Information
Q39 Please enter your high school course work, grades, and date taken in the boxes below. If a course has an AP, IB, Honors, or Dual Enrollment status, please indicate in the applicable Name of Course box.
<table>
<thead>
<tr>
<th>Name of Course (Include AP, IB, Honors, Dual Enrollment if applicable)</th>
<th>Grade in Course</th>
<th>Please indicate whether course has been COMPLETED OR you are currently ENROLLED.</th>
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</table>
Q33 Please enter your PSAT score for each of the following sections, or indicate if you have not yet taken the PSAT.

☐ Evidence Based Reading & Writing ____________________________

☐ Math ____________________________

☐ I have not yet taken the PSAT.

☐ I am waiting on my PSAT score results.

☐ Other: ____________________________

Q21 Part III: Leadership, Academic Achievements, and Extracurricular Activities

Please only include activities in which you have participated during high school.

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Q31 Please list any science, technology, engineering, or math (STEM) extracurricular activities (summer programs, clubs, etc.) in which you have participated or are participating and the duration of involvement.
(ex. First Robotics, Sept 2017-June 2018)

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Q32 Please list any leadership roles that you have held or currently hold, the corresponding organization, and the duration of involvement. (ex. President, National Honors Society, Sept 2018-present)

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Q22 Please list any academic achievements and/or other honors and awards, the corresponding organization, and the year in which it was received. (ex. Female Scholar Athlete, School Athletics Department, 2014)

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Q34 Please list any extracurricular activities in which you participated for 2 years or more and the duration of involvement. This may include activities that you were involved with before high school IF your involvement continued into high school. (ex. Girl Scouts of America, 2009-2015)

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Q33 **Please list all other extracurricular activities.**

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Q24 **Part IV: Essay**

Your response for each essay question **should not exceed 300 words.** Draft your essay in Microsoft Word or another word processing program to check for spelling, grammar, and word count. Then copy and paste into the fields below.

Q25 The Pathways for Future Engineers Program strives to help students reach their long-term goals. We are interested in learning more about your future goals. What are your long-term goals for high school, college, and beyond? How would participating in the Pathways Program support you in reaching your long-term goals? (not to exceed 300 words)

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Q26 Describe a situation where you faced a challenge or barrier. How did you navigate this situation? What or who helped you overcome this situation? What advice would you give to a future student who encounters a similar situation? (not to exceed 300 words)

________________________________________________________________
________________________________________________________________
Q29 Engineers often work collaboratively to solve problems. Please identify a problem that you have observed in your community. Why is this problem important to you? If you were given an unlimited budget, how would you work collaboratively to solve this problem in your community? (not to exceed 300 words)

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Q27 By checking this box, I am electronically signing this online application and acknowledging that the information I have provided is accurate to the best of my knowledge.

☐ By checking this box, I am electronically signing this online application and acknowledging that the information I have provided is accurate to the best of my knowledge.

Q35 By clicking the forward button below, you are submitting your application for the Pathways for Future Engineers Program. Upon submission, you will be sent an email indicating that your application has been received. Please keep a copy of that page for your records.

For more information about Pathways for Future Engineers, please visit the website at eng.vt.edu/pathways.

If you have any questions, please email Ashley Taylor Repisky at pathways@vt.edu or call
540-231-2226.